AUTODOC CLUB

How to change rear brake discs on **AUDI 90 B3 (89, 89Q, 8A)** – replacement guide

SIMILAR VIDEO TUTORIAL

This video shows the replacement procedure of a similar car part on another vehicle

Important!

This replacement procedure can be used for:
AUDI 90 B3 (89, 89Q, 8A) 2.0, AUDI 90 B3 (89, 89Q, 8A) 2.3 E, AUDI 90 B3 (89, 89Q, 8A) 2.3 E quattro, AUDI 90 B3 (89, 89Q, 8A) 2.2 E, AUDI 90 B3 (89, 89Q, 8A) 2.3 E 20V, AUDI 90 B3 (89, 89Q, 8A) 2.0 20 V

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: AUDI 80 B4 Saloon (8C2) 2.0

REPLACEMENT: BRAKE DISCS – AUDI 90 B3 (89, 89Q, 8A). TOOLS YOU'LL NEED:

- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- High-temperature ceramic grease
- Torque wrench
- Combination spanner #13
- Combination spanner #15
- HEX bit No.H8.
- Wheel impact socket #17
- Brake caliper wind back tool
- Ratchet wrench
- Crow bar
- Wheel chock

Buy tools

Replacement: brake discs – AUDI 90 B3 (89, 89Q, 8A). Professionals recommend:

- Replace the brake disks on the car AUDI 90 B3 (89, 89Q, 8A) in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- Warning! Shut down the engine before starting any work – AUDI 90 B3 (89, 89Q, 8A).

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the bonnet. Unscrew the brake fluid reservoir cap.

2 Secure the wheels with chocks.

3 Loosen the wheel mounting bolts. Use wheel impact socket #17.

4 Raise the rear of the car and secure on supports.

5 Unscrew the wheel bolts.

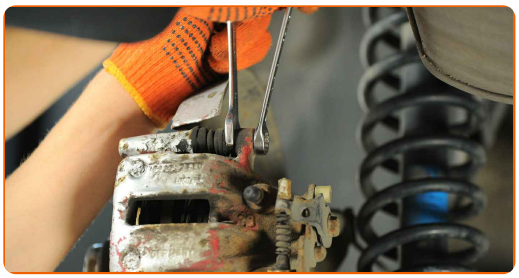
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. AUDI 90 B3 (89, 89Q, 8A)

6 Remove the wheel.

7 Clean the brake caliper fasteners. Use a wire brush. Use a brake cleaner.

8 Unscrew the brake caliper fastening. Use a combination spanner #15. Use a combination spanner #13.



9 Spread the brake pads. Use a crowbar.

10 Remove the brake caliper.

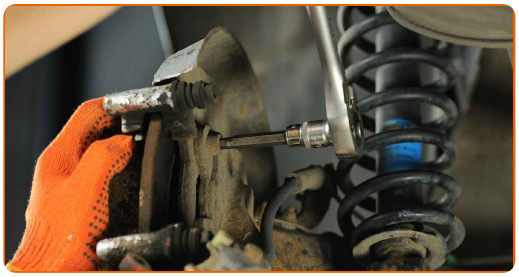
Replacement: brake discs – AUDI 90 B3 (89, 89Q, 8A). AUTODOC recommends:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

11 Remove the brake pads.

12 Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.

13 Unscrew the caliper bracket fastening. Use HEX No.H8. Use a ratchet wrench.



14 Remove the caliper bracket.

15 Remove the brake disc.

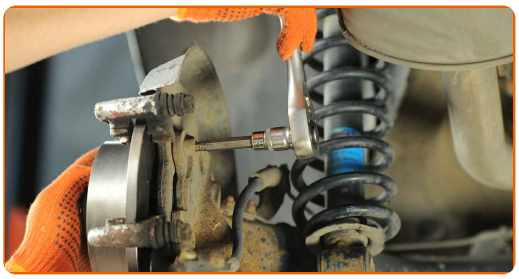
16 Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.

17 Install the brake disc.

18 Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.

19 Install the brake caliper bracket.

20 Tighten the brake caliper bracket. Use HEX No.H8. Use a torque wrench. Tighten it to 65 Nm torque.



21 Install the brake pads.

22 Treat the brake caliper piston. Use a brake cleaner.

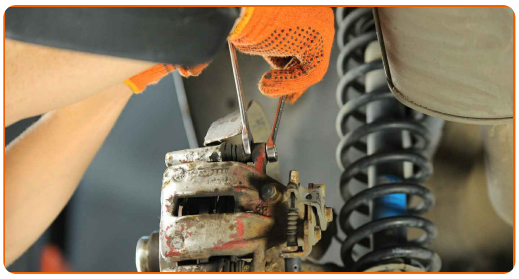
AUTODOC recommends:

- Replacement: brake discs – AUDI 90 B3 (89, 89Q, 8A). After applying the spray, wait a few minutes.

23 Press in the brake caliper piston. Use brake caliper wind back tool.

24.1 Install the brake caliper and fix it.

24.2 Use a combination spanner #15. Use a combination spanner #13. Use a torque wrench. Tighten it to 35 Nm torque.



25 Treat the surface where the brake disc contacts the wheel rim. Use high-temperature ceramic grease.

26 Clean the brake disk surface. Use a brake cleaner.

Replacement: brake discs – AUDI 90 B3 (89, 89Q, 8A). AUTODOC experts recommend:

- After applying the spray, wait a few minutes.

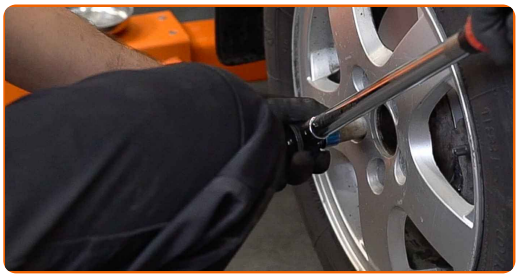
27 Install the wheel.

AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. AUDI 90 B3 (89, 89Q, 8A)

28 Screw in the wheel bolts. Use wheel impact socket #17.

29 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 nm torque.



30 Remove the jacks and chocks.

AUTODOC recommends:

- Important! Replacement: brake discs – AUDI 90 B3 (89, 89Q, 8A). Check the brake fluid level in the reservoir and top up if necessary.

31 Tighten the brake fluid reservoir cap. Close the hood.

Replacement: brake discs – AUDI 90 B3 (89, 89Q, 8A). AUTODOC recommends:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.

WELL DONE!

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